

Creating a debian package

Manuel Kroiss

dh_make

Setup:

```
dpkg-dev packaging-dev dh-make
```

dh_make from .tar with MAKEFILE

Setup:

```
dpkg-dev packaging-dev dh-make
```

Build package:

```
tar -xvf skipspace-1.0.tar.gz
```

```
cd skipspace-1.0/
```

```
dh_make -f ../skipspace-1.0.tar.gz
```

```
debuild -uc -tc
```

dh-make-perl

```
module-starter --builder=Module::Build  
  --module=My::Module  
  --author=manu  
  --email=manu@example.de
```

```
./Build
```

```
./Build test
```

```
dh-make-perl --build
```

dh-make-perl

```
module-starter --builder=Module::Build
```

```
--module=My::Module
```

```
--author=manu
```

```
--email=manu@example.de
```

```
./Build
```

```
./Build test
```

```
dh-make-perl --build
```

General solution

Script files:

A2M2XML.PL

profbval2XML.PL

Both with shebang head!

dh_make from scratch

```
mkdir bioconva-1.0
```

```
cd bioconva-1.0
```

```
dh_make --createorig -indep
```

dh_make from scratch

```
mkdir bioconva-1.0
```

```
cd bioconva-1.0
```

```
dh_make --createorig -indep
```

```
# write debian/install
```

```
echo './src/* ./' > debian/install
```

```
mkdir -p src/usr/bin
```

dh_make from scratch

```
# copy executables
```

```
cp ../A2M2XML.pl src/usr/bin/a2m2xml
```

```
cp ../profbval2XML.pl src/usr/bin/profbval2xml
```

dh_make from scratch

```
# copy executables
```

```
cp ../A2M2XML.pl src/usr/bin/a2m2xml
```

```
cp ../profbval2XML.pl src/usr/bin/profbval2xml
```

```
# build deb package
```

```
debuild -uc -tc
```

debian/changelog

bioconva (1.0-1) unstable; urgency=low

* Initial release

-- manu <manu@manuel.tbl> Tue, 08 Jul 2013 12:03:41 +0200

debian/changelog

bioconva (1.2) unstable; urgency=low

* Minor bugfixes

-- manu <manu@manuel.tbl> Tue, 08 Jul 2013 16:09:55 +0200

bioconva (1.0-1) unstable; urgency=low

* Initial release

-- manu <manu@manuel.tbl> Tue, 08 Jul 2013 12:03:41 +0200

debian/copyright

Format: <http://www.debian.org/doc/packaging-manuals/copyright-format/1.0/>

Upstream-Name: X Solitaire

Source: <ftp://ftp.example.com/pub/games>

Files: *

Copyright: Copyright 1998 John Doe <jdoe@example.com>

License: GPL-2+

This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 2 of the License, or (at your option) any later version.

...

debian/control

Source: bioconva

Section: unknown

Priority: extra

Maintainer: root <root@manuel.tbl>

Build-Depends: debhelper (>= 8.0.0)

Standards-Version: 3.9.3

Homepage: <insert the upstream URL, if relevant>

Package: bioconva

Architecture: all

Depends: \${misc:Depends}

Description: <insert up to 60 chars description>

<insert long description, indented with spaces>

debian/watch (optional)

```
# Compulsory line, this is a version 3 file  
version=3
```

```
# Uncomment to examine a Webpage
```

```
# <Webpage URL> <string match>
```

```
#http://www.example.com/downloads.php bioconva-(.*)\.tar\.gz
```

```
# Uncommment to examine a FTP server
```

```
#ftp://ftp.example.com/pub/bioconva-(.*)\.tar\.gz  
    debian uupdate
```

Thanks!